



U.S. ENVIRONMENTAL PROTECTION AGENCY POLLUTION REPORT

I. HEADING

Date: August 26, 2003

Subject: **IWI, Inc. Site**
7738 West 61st Place
Summit, IL 60501

From: Fred Micke, OSC, Region 5

To: R. Worley, USEPA, OSWER, Washington, D.C.

R. Karl, USEPA, ERB, Chicago, IL

L. Nachowicz, USEPA, ERB, Chicago, IL

J. Kujawa, USEPA, ORC, Chicago, IL

M. Bensing, USEPA, ERB, Chicago, IL

J. Maritote, USEPA, ERB, Chicago, IL

M. Joyce, USEPA, OPA, Chicago, IL

A. Marouf, USEPA, RRB#2, Chicago, IL

J. Clark, IEPA, Des Plaines, IL

J. Duley, Village of Summit

Worley.Ray@epa.gov

Karl.Richard@epa.gov

Nachowicz.Linda@epa.gov

Kujawa.Jerome@epa.gov

Bensing.Milagros@epa.gov

Maritote.John@epa.gov

Joyce.Mike@epa.gov

Marouf.Afif@epa.gov

Jim.clark@epa.state.il.us

Summitbuilding@yahoo.com

POLREP # 8

II. BACKGROUND

Start Date: January 21, 2003

Site ID# B53J

Completion Date: N/A

III. SITE INFORMATION

A. Incident Category--CERCLA Time Critical Removal Action

The sampling, characterization, packaging, and disposal of liquid and solid waste, waste containers and contaminated soils at the IWI Site.

B. Site Description and Background

The IWI Site is located at 7738 West 61st Place, Summit, IL 60501. The 1.7 acre Site is rectangularly shaped and is surrounded by private property on three sides. A residential

neighborhood is located across the street (61st Place) from the Site. IWI is an abandoned facility which, while in operation, reconditioned and processed chemical totes, drums, and pails.

The Site consists of three large buildings which are in dilapidated condition. In addition, the debris piles from two office buildings which burned down in May 2002 remain on-site. Three above ground storage tanks, a rail tank car, fifty-five gallon drums (200+ in number), chemical totes (approximately 185 in number) varying in size from 345 to 600-gallon remain on the property. Most of the drums and some of the totes are in deteriorated condition. The drums and totes contain petroleum and paint wastes. The site assessment indicated that some drum and tote material is characteristic hazardous waste by flash point, and Toxic Characteristic Leaching Procedure (TCLP) for chromium and lead.

IV. RESPONSE INFORMATION

The Emergency and Rapid Response (ERRS) contractor mobilized to the site and began site setup operations on January 21, 2003. Site setup and site clearing (grubbing) operations were suspended on February 5, 2003 because USEPA's response to the recovery of Columbia Shuttle Material in Texas and Louisiana.

USEPA and ERRS re-mobilized to the site on March 10, 2003. Work zone air monitoring and sampling are being performed by the Superfund Technical Assessment and Response Team (START) contractor. Cleanup work will continue throughout 2003.

One building was demolished on March 11 and 12 in order to safely stage and sample drums and totes. In addition, asbestos characterization of the site was initiated and completed. A water truck was brought to the Site on March 28, 2003. The 2000-gallon truck is used to suppress dust from debris piles and work areas. Site watering is performed on an "as need" basis.

Nine perimeter air monitoring stations as well as stations downwind from any work activity are checked twice per day. A MultiRAE 5-gas analyzer (CO, O₂, H₂S, LEL, and VOCs) and MiniRAM (dust monitor) are utilized. To date, all MultiRAE readings (in breathing zones) at all monitoring locations have been less than action levels.

The collection of samples from staged totes began on April 9 and was completed on April 11. The last remaining totes (7) were pulled from the buildings and staged on May 22. This action completed the staging of all totes and drums at the Site. Drum sample collection began on April 28 and was completed on June 11. The sampling completed on June 11 also included the sampling of the totes pulled from the buildings and the collection of samples from 10 sump pits and the rail tank car. In total, 129 totes and 578 drums were sampled.

Hazardous characterization of samples was initiated on April 22 and completed on June 20. In total, 815 hazardous characterizations of totes (106) and drums (709) were performed. In addition, 44 composite samples (14 totes and 30 drums) were prepared to characterize waste

streams for disposal. This compositing was completed on July 11. Petroleum sludge, chlorinated petroleum product, grease, paint sludge, organic solvents with possible metals, detergent, oxidizers, and water were identified.

Permanent fencing for a portion of the Site was installed the week of June 30. The rest of the fence will be installed after removal activities have been completed.

V. COST INFORMATION

Costs incurred through close of business, August 22, 2003 are \$ 698,583 (\$ 532,382 ERRS and \$ 166,201 START).

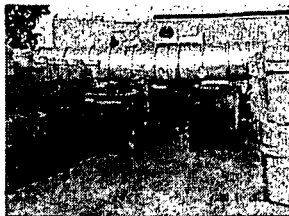
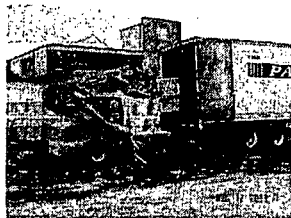
VI. DISPOSITION OF WASTE

Building debris, brick, and scrap metal (including empty totes) were removed from the Site in June 2003. Demolition of the remaining buildings began on July 30 and was completed on August 1. The water tower was demolished on August 7. The transportation and disposal (T&D) of building debris has not been initiated. Brick removal was initiated on July 30 and is essentially complete. The T&D of scrap metal began on August 26.

T&D of sludge from the old boiler room began on July 30 and concluded on August 16. In total, 42 roll-off boxes (approximately 840 cubic yards) of sludge were removed from the Site.

T&D of drums and totes began on August 12 and is ongoing. As of close of business, August 22, 489 drums and 10 totes have been removed from the Site.

T&D of sump and tote liquids began on August 6 and is ongoing. To date, approximately 12,450 gallons have been removed.



VII. OTHER INFORMATION

Demolition of the upper portion of the smoke stack was performed on July 18. The stack was lowered to remove loose brick in order to safely remove sludge contained in the old boiler room. The rest of the stack was demolished on August 11 after the sludge had been removed from the old boiler room.

